

IN THE CLAIMS:

Please amend the claims as shown below.

1. to 6. (Canceled)

7. (Currently Amended) A communication apparatus capable of connecting to a network including ~~a plurality of transmission media~~ and capable of controlling a controlled device having a predetermined function, comprising:

a device detecting unit that (a) detects the controlled device among a plurality of devices connected to the network, and (b) obtains an IP address of the controlled device, wherein the device detecting unit uses a first communication protocol to detect the controlled device and to obtain the IP address of the controlled device;

a communication unit that transmits a request for inquiring whether the controlled device having the obtained IP address is directly connected to the communication apparatus via a first transmission medium which uses a second communication protocol, the communication apparatus being directly connected to the first transmission medium, and the request being transmitted via the first transmission medium; and

a determining unit that determines whether the communication apparatus and the controlled device are directly connected to the first transmission medium for communication via the second communication protocol, wherein the determining unit (a) determines that the communication apparatus and the controlled device are directly

connected to the first transmission medium, if a response corresponding to the request transmitted by the communication unit is received from the controlled device, and (b) determines that the communication apparatus and the controlled device are not directly connected to the first transmission medium ~~and the communication apparatus and~~ but that the controlled device are is connected to the network via a second transmission medium different from the first transmission medium, if no response corresponding to the request is received from the controlled device, whereby the communication apparatus and the controlled device are not able to communicate with each other using the second communication protocol via the first communication medium but are able to communicate with each other via the first communication protocol.

wherein the communication apparatus displays warning information on a display unit if the determining unit determines that the communication apparatus and the controlled device are not directly connected to the first transmission medium and the ~~communication apparatus and the controlled device are is~~ connected to the network via the second transmission medium.

8. (Previously Presented) The communication apparatus according to claim 7, wherein the display unit that displays the warning information is a display unit of the communication apparatus.

9. (Previously Presented) The communication apparatus according to claim 7, wherein the display unit that displays the warning information is a display unit of an external device.

10. (Currently Amended) The communication apparatus according to claim 7, wherein the first communication protocol conforms to device detecting unit use UPnP (Univesal Plug and Play) to detect the controlled device and to obtain the IP address of the controlled device and the second communication protocol conforms to the IEEE1394 standard.

11. (Currently Amended) A method performed by a communication apparatus that is capable of connecting to a network ~~including a plurality of transmission media~~ and capable of controlling a controlled device having a predetermined function, comprising:

a device detecting step that (a) detects the controlled device among a plurality of devices connected to the network, and (b) obtains an IP address of the controlled device, wherein the device detecting step uses a first communication protocol to detect the controlled device and to obtain the IP address of the controlled device;

a communication step that transmits a request for inquiring whether the controlled device having the obtained IP address is directly connected to the communication apparatus via a first transmission medium which uses a second

communication protocol, the communication apparatus being directly connected to the first transmission medium, and the request being transmitted via the first transmission medium;

a determining step that determines whether the communication apparatus and the controlled device are directly connected to the first transmission medium for communication via the second communication protocol, wherein the determining step (a) determines that the communication apparatus and the controlled device are directly connected to the first transmission medium, if a response corresponding to the request transmitted by the communication step is received from the controlled device, and (b) determines that the communication apparatus and the controlled device are not directly connected to the first transmission medium ~~and the communication apparatus and~~ but that the controlled device are is connected to the network via a second transmission medium different from the first transmission medium, if no response corresponding to the request is received from the controlled device, whereby the communication apparatus and the controlled device are not able to communicate with each other using the second communication protocol via the first transmission medium but are able to communicate with each other via the first communication protocol; and

a displaying step that displays warning information on a display unit if the determining step determines that the communication apparatus and the controlled device are not directly connected to the first transmission medium and the ~~communication apparatus and the controlled device are~~ is connected to the network via the second transmission medium.

12. (Previously Presented) The method according to claim 11, wherein the display unit that displays the warning information is a display unit of the communication apparatus.

13. (Previously Presented) The method according to claim 11, wherein the display unit that displays the warning information is a display unit of an external device.

14. (Currently Amended) The method according to claim 11, wherein the ~~device detecting step uses~~ first communication protocol conforms to UPnP (Universal Plug and Play) to detect the controlled device and to obtain the IP address of the controlled device and the second communication protocol conforms to the IEEE1394 standard.

15. (Currently Amended) A computer readable storage medium on which is stored a computer executable program to execute a method performed by a communication apparatus, the communication apparatus being capable of connecting to a network ~~including a plurality of transmission media~~ and being capable of controlling a controlled device having a predetermined function, the program comprising:

a device detecting step that (a) detects the controlled device among a plurality of devices connected to the network, and (b) obtains an IP address of the controlled device, wherein the device detecting step uses a first communication protocol to detect the controlled device and to obtain the IP address of the controlled device;

a communication step that transmits a request for inquiring whether the controlled device having the obtained IP address is directly connected to the communication apparatus via a first transmission medium which uses a second communication protocol, the communication apparatus being directly connected to the first transmission medium, and the request being transmitted via the first transmission medium;

a determining step that determines whether the communication apparatus and the controlled device are directly connected to the first transmission medium for communication via the second communication protocol, wherein the determining step (a) determines that the communication apparatus and the controlled device are directly connected to the first transmission medium, if a response corresponding to the request transmitted by the communication step is received from the controlled device, and (b) determines that the communication apparatus and the controlled device are not directly connected to the first transmission medium ~~and the communication apparatus and~~ but that the controlled device ~~are~~ is connected to the network via a second transmission medium different from the first transmission medium, if no response corresponding to the request is received from the controlled device, whereby the communication apparatus and the controlled device are not able to communicate with each other using the second communication protocol via the first transmission medium but are able to communicate with each other via the first communication protocol; and

a displaying step that displays warning information on a display unit if the determining step determines that the communication apparatus and the controlled device are not directly connected to the first transmission medium and the ~~communication~~

apparatus and the controlled device ~~are~~ is connected to the network via the second transmission medium.

16. (Previously Presented) The computer readable storage medium according to claim 15, wherein the display unit that displays the warning information is a display unit of the communication apparatus.

17. (Previously Presented) The computer readable storage medium according to claim 15, wherein the display unit that displays the warning information is a display unit of an external device.

18. (Currently Amended) The computer readable storage medium according to claim 15, wherein the ~~device detecting step uses~~ first communication protocol conforms to UPnP (Universal Plug and Play) ~~to detect the controlled device and to obtain the IP address of the controlled device~~ and the second communication protocol conforms to the IEEE1394 standard.